



Attorney Docket #: 272-3

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

D. Hartkop et al.

Serial No.: 10/817,592

Filed: April 2, 2004

For: SCANNING APERTURE THREE
DIMENSIONAL DISPLAY DEVICE

Examiner: Unknown
Group Art: 2872

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

August 23, 2004

(Date of Deposit)

John G. Tutunjian

Name of applicant, assignee or Registered Representative

Signature

August 23, 2004

Date of Signature

Mail Stop PETITION
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

PETITION TO MAKE SPECIAL - ACCELERATED EXAMINATION

Applicants hereby petition to make the above-identified application special for purposes of accelerated examination, pursuant to MPEP §708.02.

In support of this petition, applicant submits the following:

(1) A copy of the information disclosure statement (Form PTO/SB/08A) filed on April 2, 2004 with the application citing the results of a pre-examination search of patents and publications; and

(2) A check in the amount of \$130.00 for the fee required under 37 C.F.R. §1.17(i).

The field of the pre-examination search included:

Class 359, subclasses 9, 15, 22, 23, 24, and 25 (US & Foreign for all subclasses);

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A copy of each of the references believed to be most closely related to the claimed subject matter discovered during that search have been submitted with the Information Disclosure Statement filed with the application.

A discussion of the references pointing out how the claimed subject matter is patentable over the references is included on a separate sheet with this petition.

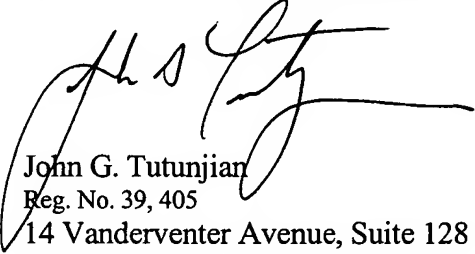
The office is hereby authorized to charge any additional fees which may be required in connection with this Petition and to credit any overpayment to our Deposit Account No. 50-1433.

If a telephone interview would advance the prosecution of this application, the Examiner is respectfully requested to call the undersigned attorney.

Granting of this petition and prompt consideration and allowance of the application are respectfully requested.

Respectfully submitted,
KEUSEY, TUTUNJIAN & BITETTO, P.C.

By



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Dated: August 23, 2004

Discussion of References

IEEE AES Systems Magazine, September 1991, *3-D TV Without Glasses*. This system shows the use of a moving slit like device in front of the video screen and depends entirely on the observer's persistence of vision to create the impression that the entire image is present in 3D.

Proceedings of the IEEE, Vol. 85, No. 11, November 1997, *The Display of Three-Dimensional Video Images*. This paper discusses the various methods for pixellating three-dimensional images (volumetric, holographic and autostereoscopic) that include various hardware systems unlike those proposed by the present invention.

None of the references uncovered during the search disclosure or suggest the following claimed features of applicant's invention:

- 1) The three dimensional display provides multiple different perspectives viewable from multiple different angles.
- 2) The three dimensional display generates three dimensional views exhibiting both horizontal and vertical parallax.
- 3) The viewing angle of the display device is increased when the thickness of the substrate is decreased.